

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.1 Drinking Water Plan Review

Continued

1.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers.			
a Approvals to Construct (ATC)	Semi-Annual	117	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Approvals of Construction (AOC)	Semi-Annual	91	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

1.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-APP DWSRF Federal [Match]	0.50	31,159	13,710	20,074		64,943
WQFF-APP	0.25	17,138	7,541	11,041		35,720
SDW (VEI) DWSRF Federal [Match]	0.81	52,708	23,191	33,957		109,856
DWSRF Federal	1.42	82,578	36,334	53,201		172,113
TOTALS	2.98	183,583	80,776	118,273		382,632

End of Year Summary

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Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

1.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA. Q1 Status Q2 Status Q3 Status Q4 Status	3/16/2016		Drinking Water
2 Initiate System Evaluations (SEs) projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state. Q1 Status System Evaluations conducted on the following Public Water Systems during Q1FY2016: Christopher Creek Water company (AZ0404005) on 7/17/2015; Town of Wellton (AZ14022) on 09/10/2015. Q2 Status System Evaluations conducted on the following Public Water Systems during Q2 FY2016: Chloride DWID (AZ0408005) on 10/28/2015, Shangri La Ranch (AZ0407660) on 10/28/2015, Quail Ridge DWID (AZ0413307) on 11/12/2015, Sanders Unified School District (AZ0401022) on 11/12/2015, City of St. Johns (AZ0401012) on 11/17/2015, Valley View (AZ0407677) on 12/03/2015, and Jakes Corner Water System (AZ0404029) on 12/21/2015. Q3 Status Q4 Status	Semi-Annually	9	Drinking Water
3 Develop small water systems compliance strategy Q1 Status Q2 Status Q3 Status Q4 Status	6/30/2016		Drinking Water, Director
4 If resources are available, ADEQ will attend the EPA-ORD Small Systems Compliance Technology Workshop in Cincinnati, OH. Q1 Status Two ADEQ staff members attended the workshop. Q2 Status Q3 Status Q4 Status	8/28/2015	8/10/2015	Drinking Water

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Objective 2.1 Protect Human Health

TASK 1.2 Drinking Water Technical Assistance

Continued

1.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
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5 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conferences/workshop.	12/15/2015	12/10/2015	Drinking Water
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Q1 Status

Q2 Status One staff member from ADEQ attended the conference.

Q3 Status

Q4 Status

1.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
SDW (VEI) DWSRF Federal [Match]	0.50	20,861	9,179	13,440		43,480
SDW (VEI)	0.33	15,286	6,726	9,848		31,860
DWSRF Federal	0.54	20,455	9,000	13,178		42,633
Contract: Oper Tech Assist (2% set aside)					150,000	150,000
TOTALS	1.37	56,602	24,905	36,466	150,000	267,973

End of Year Summary

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Goal #2: Protecting America's Waters

Program #: DRW

Objective 2.1 Protect Human Health

TASK 1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

1.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct training workshops.	6	2	Drinking Water
Q1 Status			
Q2 Status	Two, two day capacity development events were held with 121 attendees and five additional one day training events were held with a total of 324 attendees (138 attendees attended via go to meeting). ADEQ is on track to meet the workplan commitment		
Q3 Status			
Q4 Status			
2 Report certificates issued by class and grade:			
a Distribution Grade 1	Semi-Annual	96	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Distribution Grade 2	Semi-Annual	41	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Distribution Grade 3	Semi-Annual	26	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d Distribution Grade 4	Semi-Annual	18	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Goal #2: Protecting America's Waters

Program #: DRW

Objective 2.1 Protect Human Health

TASK 1.3 Operator Certification

Continued

1.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
e Treatment Grade 1	Semi-Annual	70	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
f Treatment Grade 2	Semi-Annual	34	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
g Treatment Grade 3	Semi-Annual	29	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
h Treatment Grade 4	Semi-Annual	17	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Review and verify professional development hours for certification renewals.	10%	100%	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Conduct annual audit of approved third party proctors.	100%	0%	Drinking Water
Q1 Status			
Q2 Status Annual audit is planned for Q3			
Q3 Status			
Q4 Status			

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Goal #2: Protecting America's Waters

Program #: DRW

Objective 2.1 Protect Human Health

TASK 1.3 Operator Certification

Continued

1.3 DELIVERABLES

OUTPUT DESCRIPTION

5 FY16 Annual Report to EPA

Target

9/15/2015

Actual

8/7/2015

Responsible Section

Drinking Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

1.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-APP DWSRF Federal [Match]	0.75	28,410	12,500	18,303		59,213
SDW (VEI) DWSRF Federal [Match]	1.67	85,783	37,745	55,266		178,794
SDW (VEI)	0.25	15,143	6,663	9,756		31,562
PPG	0.75	34,626	15,235	22,308		72,169
Contract: Operator Certification (2% set aside)					150,000	150,000
TOTALS	3.42	163,962	72,143	105,633	150,000	491,738

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Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

1.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report permitting decisions on elementary business plan applications.	Semi-Annual	3	Drinking Water
Q1 Status			
Q2 Status			
By close of Q2 FY 2015, sufficient Elementary Business Plans have been received and approved by ADEQ from: Desert Living Estates HOA (6/10/2015), Town of Marana - Tangerine Business Park (6/25/2015), and Desert Spring DWID (10/26/2015).			
Q3 Status			
Q4 Status			
2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following topics:			
a Monitoring Assistance Program	2	1	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b New PWS capacity development	2	2	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c EMP/ERP/VA	2	3	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Goal #2: Protecting America's Waters

Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.4 New and Existing System Capacity Development

Continued

1.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d Existing Safe Drinking Water rules	4	7	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 FY15 Annual Report	9/15/2015	8/7/2015	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Re-evaluate the capacity development program as part of the development of the small systems compliance strategy identified in Task 1.2.	6/30/2016		Drinking Water Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

1.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
SDW (VEI)	0.33	15,286	6,726	9,848		31,860
DWSRF Federal	0.04	2,576	1,133	1,659		5,368
TOTALS	0.37	17,862	7,859	11,507		37,228

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Objective 2.1 Protect Human Health

TASK 1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

1.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for:			
a Groundwater PWSs	Quarterly	Quarterly	Drinking Water
Q1 Status			
Q2 Status As of the close of Q2 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems.			
Q3 Status			
Q4 Status			
b Surface water PWSs	Quarterly	Quarterly	Drinking Water
Q1 Status			
Q2 Status As of the close of Q2 FY2016, ADEQ is current on all necessary schedule adjustments for MAP for all surface- and groundwater systems.			
Q3 Status			
Q4 Status			

1.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
SDW (VEI)	0.48	30,040	13,217	19,353		62,610
Map Fee Fund	1.00	46,017	20,248	29,647		95,912
Contract: Map Lab					550,000	550,000
TOTALS	1.48	76,057	33,465	49,000	550,000	708,522

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Objective 2.1 Protect Human Health

TASK 1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

1.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Complete SDWIS reporting for OECA on actions taken on systems with new violations. Q1 Status Q1 upload completed on 8/14/2015. Q2 Status Q2 upload completed on 11/13/2015. Q3 Status Q4 Status	Quarterly	Quarterly	Drinking Water
2 Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run. Q1 Status Rules not run by conclusion of Q1 FY16: SOC and VOC out of Chemical Phase rules, Radiochemicals, and portions of the Disinfection By Product rule. Q2 Status ADEQ is not current on compliance for rules pertaining to Synthetic Organic Chemicals, Volatile Organic Chemicals, and Stage 1 and 2 Disinfection by Products. A staff member is currently being trained and working towards currency on SOC and VOCs. Q3 Status Q4 Status	Semi-Annual	Quarterly	Drinking Water
3 Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions. Q1 Status Monthly PWS conference calls held on: 7/16/2015, 8/27/2015, 9/9/2015 (EoY) Q2 Status Monthly PWS conference calls held on: 10/15/15, 11/19/2015 and 12/10/2015. Q3 Status Q4 Status	Monthly (12)	6	Drinking Water
4 Complete GUDI determinations on new groundwater sources as they are developed. Report determinations. Q1 Status No systems have been identified as GUDI-suspect Q1 of FY16. Q2 Status No systems identified as GUDI during Q2 FY2016. Q3 Status Q4 Status	Semi-Annual	0	Drinking Water

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Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.6 Drinking Water Monitoring and Reporting

Continued

1.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
5 Review and respond to incremental primacy crosswalks comments as provided by EPA for Stage 1 and Stage 2 DBPs.	Within 45 days of receipt from EPA Region 9		Drinking Water, Director
Q1 Status			
Q2 Status	ADEQ has received comments from EPA and expects to resubmit the crosswalks in the 3rd Quarter		
Q3 Status			
Q4 Status			
6 Review the January 2015 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY16	7/1/2015	9/1/2014	Drinking Water
Q1 Status			
Q2 Status	Completed in FY2015.		
Q3 Status			
Q4 Status			
7 Continue ADEQ's efforts to incorporate by reference the Lead and Copper Rule Short Term Revision (LCR STR) and the Revised Total Coliform Rule (RTCR).	4/1/2016		Drinking Water Director
Q1 Status			
Q2 Status	ADEQ has received an exception to the rule moratorium and is in the rule making proces to incorporate by reference the Revised Total Coliform Rule and the Lead and Copper Rule Short Term Revision by 4/2/2016.		
Q3 Status			
Q4 Status			
8 Draft a SDWIS-Prime transition plan that identifies the team members, the leader, and a timeline.	4/1/2016		Drinking Water, IT
Q1 Status			
Q2 Status	Without more firm commitments towards a delivery date or feature set, ADEQ is unable to draft a usable timeline or path to completion on a migration to SDWIS/Prime.		
Q3 Status			
Q4 Status			

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Objective 2.1 Protect Human Health

TASK 1.6 Drinking Water Monitoring and Reporting

Continued

1.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
9 Update SDWIS to ensure PWSs owned and operated by schools are properly identified	6/1/2016		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
10 Develop a procedure/process to document ADEQ's oversight of the SDWA to delegated counties.	6/1/2016		Drinking Water Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
11 If resources are available, ADEQ will attend the annual ASDWA/EPA Data Management Users Conferences.	5/1/2016		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

1.6 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
Wellhead	1.32	69,082	30,396	44,506		143,984
SDW (VEI) DWSRF Federal [Match]	1.04	51,741	22,766	33,334		107,841
SDW (VEI)	1.34	69,431	30,550	44,732		144,713
DWSRF Federal	4.56	240,311	105,737	154,822		500,870
TOTALS	8.26	430,565	189,449	277,394		897,408

End of Year Summary

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Objective 2.1 Protect Human Health

TASK 1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).

- a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
- b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
- c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

1.7 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct Source Water Protection Program outreach events with individual PWSs.	6	2	Drinking Water
Q1 Status CAP Dev Workshop Accelerated learning Center (0410197) CAP Dev Workshop/Flagstaff (2 presentations) AZ Rural Schools Conference			
Q2 Status Southern AZ Environmental Society			
Q3 Status Outreach events on 1/21, 2/4, 2/24, 3/10, 3/17, 3/31.			
Q4 Status			
2 Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas. A)Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.			
a Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.	2	2	Drinking Water
Q1 Status #09088 Sequoia Village school			
Q2 Status #13175 Daniel Bright School			
Q3 Status Ahead of schedule (100%) – 3 locations with site visits: 2/17/15, 7/12/14, 7/12/14			
Q4 Status			

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Program #: DWR

Objective 2.1 Protect Human Health

TASK 1.7 Source Water Protection

Continued

1.7 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
3 Conduct comprehensive inventories of potential sources of contamination.	6	7	Drinking Water
Q1 Status 07099 EPCOR Water - Sun City 02071 Ash Creek Elementary School 02054 Northern Sunrise Mustang Crystal 04002 AZ Water Company/ Miami 07092 Town of Gilbert			
Q2 Status 04002 AZ Water Company/Miami 07092 Town of Gilbert			
Q3 Status			
Q4 Status			
a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.	3	2	Drinking Water
Q1 Status #09088 Sequoia Village school			
Q2 Status #13175 Daniel Bright School			
Q3 Status			
Q4 Status			
b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.	6/30/2016	11/14/2015	Drinking Water
Q1 Status			
Q2 Status No changes to the trend were identified.			
Q3 Status			
Q4 Status			
4 Assist public water systems to identify protection strategies and to implement those strategies.			
a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan	4	2	Drinking Water
Q1 Status #09088 Sequoia Village school			
Q2 Status #13175 Daniel Bright School			
Q3 Status			
Q4 Status			

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Objective 2.1 Protect Human Health

TASK 1.7 Source Water Protection

Continued

1.7 DELIVERABLES

OUTPUT DESCRIPTION

5 Participate in regional source water protection calls/forums.

Target

As
scheduled/needed

Actual

1

Responsible Section

Drinking Water

Q1 Status Update call to region IX conducted 9/15

Q2 Status

Q3 Status

Q4 Status

1.7 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
Wellhead	1.85	112,091	49,320	72,215		233,626
TOTALS	1.85	112,091	49,320	72,215		233,626

End of Year Summary

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

2.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report number of permitting decisions on Type 4 General Permit applications for on-site wastewater treatment systems and sewage collection systems.			
a Construction Authorizations	Semi-Annual	55	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Discharge Authorizations	Semi-Annual	32	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications.	Semi-Annual	11	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus.Table following Task 2.1.	Semi-Annual		Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

2.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4 Report number of permitting decisions on APP and reclaimed water permit applications. Q1 Status Q2 Status 104 from 7/31/15 to 12/31/15 Q3 Status Q4 Status	Semi-Annual	104	Water Permits
5 Provide technical support to WQIG on grant applications & public education. Q1 Status Q2 Status Q3 Status Q4 Status	As needed		Water Permits
6 Register existing and new dry wells (Class V injection wells). Report number registered. Q1 Status Q2 Status from 7/31/15 to 12/31/15 221 registration forms received 795 drywells registered Q3 Status Q4 Status	Semi-Annual	795	Water Permits
7 Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.) Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual		Water Permits
8 Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1) Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual		Water Permits/Compliance

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Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

2.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
9 Manage the Pesticide Contamination Prevention Program			
a Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed.	Semi-Annual	15	Water Permits
Q1 Status			
Q2 Status 15 active ingredients were approved in the 1st and 2nd quarters.			
Q3 Status			
Q4 Status			
b Publish the annual Groundwater Protection List (GWPL)	12/31/2015		Water Permits
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			

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TASK 2.1 Groundwater Protection – Permits

Continued

2.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-APP PPG [Match]	3.13	180,920	79,605	116,559		377,084
WQFF-APP NPS in PPG [Match]	0.27	17,545	7,720	11,303		36,568
WQFF-APP DWSRF Federal [Match]	2.82	157,161	69,151	101,252		327,564
WQFF-APP	7.95	472,352	207,835	304,315		984,502
Wellhead	3.02	173,304	76,254	111,652		361,210
DWSRF Federal	0.83	52,139	22,941	33,591		108,671
TOTALS	18.02	1,053,421	463,506	678,672		2,195,599

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Table 1 - APP PERMITS WITH UIC NEXUS

ProjectName	Description
Excelcior Gunnison	The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well.
Q1	Application was not received during this period.
Q2	An application was not received during the 2nd quarter but was received on 1/14/16.
Q3	
Q4	
Florence Copper, Inc. Pilot Test Facility	FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board decision to uphold the Administrative Law Judge's decision on the Appeal of the permit.
Q1	
Q2	A comprehensive request for additional information (RAI) was issued by ADEQ on August 11, 2015. A response letter to the RAI was received on September 14, 2015, and emails with additional responses were received on October 23, 2015, and December 14, 2015. A second request for information (IRSS) was sent on December 22, 2015.
Q3	
Q4	

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TASK 2.1 Groundwater Protection – Permits

Continued

Table 1 - APP PERMITS WITH UIC NEXUS

ProjectName	Description
Kinder Morgan	Kinder Morgan plans to develop the St. Johns Gas Unit as a major supplier of CO2 for enhanced recovery of oil and natural gas.
Q1	
Q2	ADEQ sent out a IRSS letter on 12/21/2015. Kinder Morgan responded to ADEQ's CRAI letter on October 13, 2015. The previously stimulated wells have all been abandoned, but ADEQ still have questions including the cement bond logs and how they are interpreted, provide what the COCs might be from the injected fluid, & how the PMA and DIA was calculated - using fracture analysis software
Q3	
Q4	
Morton Salt	Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).
Q1	
Q2	ADEQ have not received updates from this site.
Q3	
Q4	
BHP Miami	APP to include injection well field. Existing Individual APP Permit #101546.
Q1	
Q2	No Activity-No permit has been issued yet.
Q3	
Q4	
City of Sedona Wastewater Reclamation Plant – Injection Test Well	Injection testing at the Sedona Wastewater Reclamation Plant (WWRP) using Class A+ reclaimed water to determine sustainable injection rates. Temporary APP 511189 was issued October 2013 and renewed until October 2015.
Q1	
Q2	The applicant did not submit an amendment application by July 15, 2015 as required in the Temporary APP to incorporate the well into the area-wide APP 102298. The Temporary APP expired on October 4, 2015, and no injection or withdrawal from well #1 was performed after this date. The applicant is anticipating submittal of an amendment application by mid-February 2016 to the area-wide APP to incorporate Well #1 and a second injection well.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS

ProjectName	Description
Pima County WWMD – Green Valley WW Reclamation Facility	APP Amendment to add a new lift station and effluent line. Effluent disposal is to four percolation ponds. APP P-100629.
Q1	
Q2	Application received 10/22/15. Final engineering review completed on 12/8/15.
Q3	
Q4	
City of Chandler – Ocotillo Water Reclamation Facility (USF Permit Application also)	Amendment to existing APP P-100140 to increase the permitted wastewater effluent volume from the wastewater treatment plant from 10 MGD to 15.5 MGD.
Q1	
Q2	Application received on 10/19/2015. Technical review is in process. No hydrology deficiencies. Engineering deficiencies transmitted to applicant on 12/29/2015.
Q3	
Q4	
City of Cottonwood Riverfront Water Reclamation Facility (USF Permit application also)	Application for an individual APP, Inventory Number 511220. To permit a new wastewater treatment plant, including the disposal of up to 300,000 GPD of wastewater effluent for irrigation reuse or to an injection well.
Q1	
Q2	Application received on 11/17/2015. Technical review is in process.
Q3	
Q4	
Eloy Detention Center Water Reclamation Facility	Amendment to existing APP P-102749, including the addition of an additional recharge basin, and an increase of effluent disposal capacity from 622,000 GPD to 900,000 GPD.
Q1	
Q2	Application received on 9/30/15. Technical review deficiencies were transmitted to the applicant on 12/31/15.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS	
ProjectName	Description
Marana Water Reclamation Facility (USF Permit application also)	Amendment to APP P-100631 to increase the effluent disposal capacity from 0.7 MGD to 3.5 MGD. Includes the addition of two new treatment trains and three new recharge basins.
Q1	
Q2	Application received on 4/03/15. Public notice published on 11/9/15, and the permit was granted on 12/21/15.
Q3	
Q4	
City of Glendale – Arrowhead Ranch WRF	Amendment to APP P-100385 to set alert levels and aquifer quality limits in a point of compliance well.
Q1	
Q2	Application received on 11/25/15. Deficiency letter sent to applicant on 12/28/15.
Q3	
Q4	
City of Chandler - Chandler Heights Recharge Facility (USF Permit amendment also)	Amendment to existing APP P-105482 to increase the effluent recharge limit to five on-site recharge basins from 2 MGD to 5 MGD.
Q1	
Q2	Application received on 7/13/15. The substantive review phase is complete, and the APP is being drafted.
Q3	
Q4	
City of Tucson – Southeast Houghton Area Recharge Project (USF Permit application also)	APP application for recharge facility utilizing three new recharge basins for disposal of wastewater effluent from the Tucson Reclaimed Water Treatment Plant. Inventory number 511628.
Q1	
Q2	Complete application received on 6/26/15. Latest deficiency letter sent on 11/05/15. Latest response received from applicant on 12/21/15. That response is in technical review.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS

ProjectName	Description
Liberty Utilities (Litchfield Park Water & Sewer) Corp.- Palm Valley Water Reclamation Facility	Amendment to current APP P-100310 to allow recharge of effluent to four infiltration basins.
Q1	
Q2	Application received on 11/04/14. Public notice published on 10/13/15. APP permit amendment granted on 11/18/15.
Q3	
Q4	
Luke 303 Water Reclamation Facility (EPCOR West Valley Regional WRF) (USF Permit application also)	APP application for recharge of wastewater effluent to 13 on-site basins. Inventory number 511700.
Q1	
Q2	Application received on 2/24/15. The technical review is complete, and the draft permit was public noticed on 12/30/15.
Q3	
Q4	
Redrock Correctional Center	Amendment application to APP P-105663 upgrade the headworks at the wastewater treatment facility. Disposal includes four evaporation/percolation basins.
Q1	
Q2	Application received on 9/30/15. Deficiency letter sent to applicant on 11/6/15.
Q3	
Q4	
Bensch Ranch WWTP	Amendment application to APP P-105001 to change disposal method from AZPDES discharge to percolation ponds
Q1	
Q2	Application received on 3/19/15. Most recent deficiency letter sent to applicant on 10/13/15.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS

ProjectName	Description
Town of Gilbert South Recharge Site	Review of APP compliance schedule items relating to installation of four new point of compliance wells and an ambient groundwater monitoring program. APP P-105302.
Q1	
Q2	The ambient monitoring program was approved by the ADEQ on 8/25/15.
Q3	
Q4	
City of Chandler - Ocotillo Brine Reduction Facility (USF Permit amendment also)	Amendment to existing APP P-102865 to allow an additional source water and disposal to three additional APP recharge permit locations.
Q1	
Q2	Application received by ADEQ on 12/11/14. APP permit issued on 7/21/15.
Q3	
Q4	
Verrado Water Reclamation Facility	Amendment to APP P-105202 to add a new effluent surface discharge point. Disposal locations include AZPDES discharge, reuse, and two vadose zone injection wells.
Q1	
Q2	Application received on 11/24/15. Deficiency letter sent to applicant on 1/13/16.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: GWR

Objective 2.1 Protect Human Health

TASK 2.1 Groundwater Protection – Permits

Continued

Table 3 - MITIGATION ORDER REVIEWS

ProjectName	Description
Bisbee Mitigation Order	Sulfate in groundwater from Freeport McMoRan Copper Queen Mine
Q1	
Q2	No reviews completed during the 1st and 2nd quarters.
Q3	
Q4	
Sierrita Mitigation Order	Sulfate in groundwater from Freeport McMoRan Sierrita Mine
Q1	
Q2	No reviews completed during the 1st quarter.
	2nd Quarter - Completed review of FMI Sierrita's response to ADEQ comments on the 2013 Mitigation Plan.
	Met with FMI Sierrita on October 29, 2015 for their notification of a curtailment at the FMI Sierrita mine and their request to reduce mitigation water pumping. Provided a summary of a Contingency Plan for reduced mitigation water pumping.
	Attended the Sierrita CAG meeting on November 17, 2015.
	Began review of the Contingency Plan
	Met with Community Water of Green Valley to hear their concerns regarding the reduction of mitigation water pumping at FMI Sierrita as described by the Contingency Plan. On the same day met with FMI Sierrita. FMI Sierrita indicated that the curtailment for the mine will go from 50% to 100%. FMI Sierrita also discussed the possibility of allowing mitigation water pumpage to be placed in the FMI Twin Buttes open pit during short term (90-day) emergency conditions (i.e., large scale El Nino events). No submittal or decision on this issue to date.
Q3	
Q4	

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report the number of permitting decisions on AZPDES individual permit applications.			
a.i Report numbers processed. Issued		16	Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.ii Report numbers processed. Modified	NA	2	Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.iii Report numbers processed. Denied	NA	0	Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.iv Report numbers processed. Suspended	NA	0	Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a.v Report numbers processed. Withdrawn/Revoked	NA	3	Water Permits
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
a.vi Report numbers processed. Backlogged Q1 Status Q2 Status Q3 Status Q4 Status	NA	9	Water Permits
b Coordinate with EPA on variance approval process and strategy. Q1 Status Q2 Status 9 applications with variance request in process. Q3 Status Q4 Status	NA	NA	Water Permits
2 Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog. (Refer to AZPDES Renewal Permits Table following Task 1.3.1.). For purposes of this work plan, 'backlog' means an AZPDES application that is 6 mos. from expiration or a new application that has been in process over one year. Q1 Status Q2 Status Total # of Individual Permits = 143 Total # of Individual Permits Backlogged = 9 Total # of General Permits = 8 Total # of General Permits Backlogged = 1 Totals # of Permits = 151 Total backloged = 10 94% Q3 Status Q4 Status	>90%	94%	Water Permits
3 Phase I MS4 Permits a Review annual reports Q1 Status Q2 Status Q3 Status Q4 Status	8	7	Surface Water

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b Continue outreach efforts	6/30/2016		Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
4 Implement activities for MS4 Permittees			
a.i Phase I	2 (EPA will		Surface Water
Conduct one audit of each permittee once every five years	conduct)		
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b.i Phase II	T = 8		Surface Water
Perform one audit of each permittee once every seven years	Ongoing. Purchase order for contractor to conduct the audits executed in January 2016.		
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Refer facilities to the Compliance Section for inspections as needed	As needed		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
5 Multi Sector General Permits			
a Initiate Stakeholder meetings and prepare draft permit and fact sheet	7/1/2015		Surface Water
Q1 Status			
Q2 Status	Sent email to stakeholders in January 2016. ADEQ will evaluate current MSGP, work reissue permit		
Q3 Status			
Q4 Status			
b Provide draft to U.S. EPA and stakeholders for informal review and comment	10/1/2015		Surface Water
Q1 Status			
Q2 Status	off target - assessing existing permit conditions, comparing with EPA's 2015 permit.		
Q3 Status			
Q4 Status			
c Public Notice	1/1/2016		Surface Water
Q1 Status			
Q2 Status	off target - See 5.b		
Q3 Status			
Q4 Status			
d Issue final permit	3/1/2016		Surface Water
Q1 Status			
Q2 Status	off target - See 5.b		
Q3 Status			
Q4 Status			
6 AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed:			
a.i Biosolids GP Notices of Intent	Semi-Annual	2 NOI in process	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
a.ii Biosolids GP Notices of Termination Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual	0	Surface Water
b.i Infrequent discharge GP Notices of Intent Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual	0	Surface Water
b.ii Infrequent discharge GP Notices of Termination Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual	0	Surface Water
c.i Minor discharges GP Notices of Intent Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual	1 NOI in process	Surface Water
c.ii Minor discharges GP Notices of Termination Q1 Status Q2 Status Q3 Status Q4 Status	Semi-Annual		Surface Water

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d.i Multi-Sector General Permits Notices of Intent	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 66			
Q3 Status			
Q4 Status			
d.ii Multi-Sector General Permits Notices of Termination	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 34			
Q3 Status			
Q4 Status			
d.iii Multi-Sector General Permits Certificate of No Exposure	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 26 new NEC			
Q3 Status			
Q4 Status			
e.i Stormwater Construction General Permits Notices of Intent	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 1,031 CGP NOIs			
Q3 Status			
Q4 Status			
e.ii Stormwater Construction General Permits Notices of Termination	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 823 CGP NOTs			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
e.iii Stormwater Construction General Permits Waivers	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 27 CGP Waivers			
Q3 Status			
Q4 Status			
f.i.(1) DeMinimis General Permits Notices of Intent Single source	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 13 NOIs - DMGP Single Source			
Q3 Status			
Q4 Status			
f.i.(2) DeMinimis General Permits Notices of Intent Area wide	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 3 NOIs - DMGP Areawide			
Q3 Status			
Q4 Status			
f.ii DeMinimis General Permits Notices of Termination	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 11 NOTs - DMGP			
Q3 Status			
Q4 Status			
g.i Pesticide General Permit Notices of Intent	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 7 New NOIs			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
g.ii Pesticide General Permit Notices of Termination	Semi-Annual		Surface Water
Q1 Status			
Q2 Status July 1 - December 31, 2015 = 2 New NOTs			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-AZPDES	11.97	617,806	271,835	398,026		1,287,667
Contract: MS4 Audits (PPG)					92,000	92,000
TOTALS	11.97	617,806	271,835	398,026	92,000	1,379,667

End of Year Summary

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
USDOJ FW - WILLOW BEACH NATL FISH HATCHERY	AZ0000132	Min	Renewal In Process	6/30/2016	12/30/2015	11/16/2015	63278	JM
Q1								
Q2 Substantive review								
Q3								
Q4								
TOWN OF WICKENBURG - WWTP	AZ0020044	Min	Renewal Application Pending	12/27/2016	6/27/2016		NA	NA
Q1								
Q2 Not yet received								
Q3								
Q4								
CITY OF GLOBE - PINAL CREEK	AZ0020249	Maj	Granted	2/9/2016	8/9/2015	8/7/2015	62836	RM
Q1								
Q2 Granted on 12/28								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
CITY OF TOLLESON - WWTP	AZ0020338	Maj	Issued	2/14/2015	8/14/2014	8/18/2014	61118	CC
Q1								
Q2	Issued on 8/17/2015							
Q3								
Q4								
Resolution Copper	AZ0020389	Maj	Renewal In Process	1/9/2016	7/9/2015	7/9/2015	6270	RC
Q1								
Q2	Substantive review							
Q3								
Q4								
AG&F - CANYON CREEK FISH HATCHERY	AZ0021229	Min	Renewal In Process	4/27/2016	10/27/2015	10/22/2015	63170	JM
Q1								
Q2	Variance - Administrative review							
Q3								
Q4								
Jerome, Town of	AZ0021804	Min	Backlogged	10/23/2012	4/23/2012	4/18/2012	56012	RC
Q1								
Q2	Variance - In public notice							
Q3								
Q4								
SEDONA VENTURE	AZ0021807	Min	Issued	4/7/2015	10/7/2014	9/19/2014	61243	RM
Q1								
Q2	Issued on 08/03/2015							
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
US NPS GCNP - South Rim WWTP	AZ0022152	Min	Backlogged	2/24/2011	8/24/2010	8/24/2010	53126	RC
Q1								
Q2 Variance - Administrative review								
Q3								
Q4								
PIMA COUNTY - WWMD - MOUNT LEMMON WWTP	AZ0022250	Min	Renewal In Process	5/10/2016	11/10/2015	11/9/2015	63232	SK
Q1								
Q2 Substantive review								
Q3								
Q4								
CITY OF GOODYEAR - 157TH AVE WWTP	AZ0022357	Maj	Renewal In Process	3/16/2016	9/16/2015	8/29/2015	62909	SK
Q1								
Q2 Substantive review								
Q3								
Q4								
CITY OF PHOENIX - 24TH ST WATER TP	AZ0023426	Maj	Terminated By Permittee				NA	RC
Q1								
Q2 Terminated on 10/09/2015								
Q3								
Q4								
CITY OF PHOENIX - DEER VALLEY WATER TP	AZ0023434	Maj	Terminated By Permittee				NA	RM
Q1								
Q2 Terminated on 11/03/2015								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
USDOI NPS - GRAND CANYON NP - DESERT VIEW WWTP	AZ0023612	Min	Renewal Application Pending	10/12/2016	4/12/2016		NA	RM
Q1								
Q2 Not yet received								
Q3								
Q4								
USDOI- NPS - INDIAN GARDENS PUMP STATION	AZ0023621	Min	Renewal In Process	5/9/2016	11/9/2015	11/23/2015	63311	NA
Q1								
Q2 Application received late - Substantive review								
Q3								
Q4								
VIRGIN RIVER DWID WWTP	AZ0023655	Min	Renewal In Process	2/13/2016	8/13/2015	8/13/2015	62856	SK
Q1								
Q2 Substantive review								
Q3								
Q4								
CITY OF WINSLOW - WWTP	AZ0023833	Maj	Issued	3/8/2015	9/8/2014	9/8/2014	61207	RM
Q1								
Q2 Issued on 9/25/2015								
Q3								
Q4								
Big Park Domestic WWID	AZ0024082	Min	Backlogged	12/1/2010	6/1/2010	5/26/2010	52778	SM
Q1								
Q2 Variance - Submitted to EPA for final variance approval.								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
SRP - ADMINISTRATIVE OFFICES	AZ0024341	Min	Renewal In Process	3/17/2016	9/17/2015	9/16/2015	62982	JM
Q1								
Q2 Substantive review								
Q3								
Q4								
TOWN OF KEARNY - NEW WWTP	AZ0024449	Min	Renewal In Process	6/30/2016	1/2/2015	12/31/2015	63457	NA
Q1								
Q2 Administrative review								
Q3								
Q4								
Tempe Town Lake ** carryover	AZ0024490	Maj	New Application Pending				NA	NA
Q1								
Q2								
Q3								
Q4								
Flagstaff Meadows WWTP (formerly Bellemont)	AZ0024708	Min	Backlogged	7/24/2013	1/24/2013	2/13/2013	57314	CC
Q1								
Q2 Variance - In public notice								
Q3								
Q4								
Cottonwood, City of - WWTP	AZ0024716	Maj	Backlogged	5/6/2014	11/6/2013	11/7/2013	59016	JM
Q1								
Q2 Variance - Received preliminary approval of variance - Substantive review.								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
BRADSHAW MOUNTAIN RV RESORT	AZ0024741	Min	Renewal Application Pending	11/30/2016	5/30/2016		NA	NA
Q1								
Q2 Not yet received								
Q3								
Q4								
TOWN OF BUCKEYE - SUNDANCE WRF (MAJOR MOD)	AZ0024881	Maj	Issued			6/4/2015	62501	RM
Q1								
Q2 Issued on 11/17/2015								
Q3								
Q4								
PIMA COUNTY - WWMD - GREEN VALLEY BNRO - WWTP	AZ0024937	Maj	Issued	4/19/2015	10/19/2014	9/25/2014	61246	CC
Q1								
Q2 Issued on 7/17/2015								
Q3								
Q4								
TOWN OF FLORENCE - South WWRF	AZ0025208	Maj	Issued	7/6/2015	1/6/2015	1/6/2015	61665	RM
Q1								
Q2 Issued on 8/26/2015								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
Festival Ranch WRF, Buckeye	AZ0025216	Maj	Issued	7/26/2014	1/26/2014	1/27/2014	59560	RC
Q1								
Q2	Issued on 8/26/2015							
Q3								
Q4								
USDA FS - APACHE SITGREAVES NF - BLACK MESA RANGER DISTRICT	AZ0025224	Min	Issued	3/1/2015	9/1/2014	8/29/2014	61120	SK
Q1								
Q2	Issued on 7/14/2015							
Q3								
Q4								
CITY OF MESA - GREENFIELD WATER RECLAMATION PLANT	AZ0025241	Maj	Issued	8/10/2015	2/10/2015	1/8/2015	61664	JM
Q1								
Q2	Issued on 8/17/2015							
Q3								
Q4								
Houston Creek Landing	AZ0025305	Min	Backlogged	6/2/2013	12/2/2012	12/3/2012	57314	RC
Q1								
Q2	Variance - Administrative review							
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
USDOI BR - YUMA DESALTING PLANT	AZ0025348	Maj	Backlogged	2/7/2015	8/7/2014	8/6/2014	60996	RM
Q1								
Q2 Internal/External review								
Q3								
Q4								
TOWN OF PRESCOTT VALLEY - WWTP (Major Mod)	AZ0025381	Maj	Issued			2/6/2015	61856	RC
Q1								
Q2 Issued on 8/26/2015								
Q3								
Q4								
BISON RANCH WWTP	AZ0025399	Min	Backlogged	12/17/2014	6/17/2014	10/14/2014	61334	JM
Q1								
Q2 Variance - Administrative review								
Q3								
Q4								
TOWN OF MAMMOTH - CIELO WWTP	AZ0025470	Min	Renewal Application Pending	12/27/2016	6/27/2016		NA	NA
Q1								
Q2 Not yet received								
Q3								
Q4								
CITY OF TOMBSTONE - WWTP	AZ0025577	Min	Issued	4/27/2015	10/27/2014	9/22/2014	61250	SK
Q1								
Q2 Issued on 10/10/2015								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
COOPER AND COMMERCE WQARF SITE	AZ0025801	Min	Terminated By Permittee				NA	JM
Q1								
Q2	Terminated on 09/03/2015							
Q3								
Q4								
APS - WATER RECLAMATION SUPPLY PIPELINE	AZ0025836	Maj	Issued	12/20/2014	6/20/2014	6/19/2014	60642	RC
Q1								
Q2	Issued on 07/16/2015							
Q3								
Q4								
CITY OF KINGMAN - HILLTOP WWTP	AZ0025844	Maj	Renewal In Process	2/29/2016	8/29/2015	8/28/2015	NA	NA
Q1								
Q2	In public notice							
Q3								
Q4								
FREESCALE SEMICONDUCTOR	AZ0025861	Min	Renewal In Process	3/24/2016	9/24/2015	9/23/2015	NA	NA
Q1								
Q2	Substantive review							
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
PINEWOOD SANITARY DISTRICT - KAY S BLACKMAN WWTP	AZ0025879	Min	Issued	10/14/2015	4/14/2015	4/14/2015	62234	SK
Q1								
Q2	Issued on 10/28/2015							
Q3								
Q4								
MIAMI WASTEWATER RECLAMATION FACILITY	AZ0025909	Min	Renewal In Process	4/7/2016	10/7/2015	10/1/2015	63072	RM
Q1								
Q2	In public notice							
Q3								
Q4								
MOTOROLA - NIBW AREA 12 - TREATMENT FACILITY	AZ0025933	Min	Renewal In Process	5/25/2016	11/25/2015	11/16/2015	63277	RM
Q1								
Q2	Substantive review							
Q3								
Q4								
ARIZONA SOILS COMPOST FACILITY	AZ0025941	Min	Issued	1/19/2015	7/19/2014	7/18/2014	60913	CC
Q1								
Q2	Issued on 07/17/2015							
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permittee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
TRIBUTE	AZ0025984	Min	Granted	1/11/2016	7/11/2015	7/7/2015	62727	SK
Q1								
Q2	Granted on 12/24/2015							
Q3								
Q4								
CITY OF KINGMAN - DOWNTOWN POND	AZ0026018	Min	Renewal In Process	12/20/2016	8/29/2015	8/28/2015	62908	RM
Q1								
Q2	In public notice							
Q3								
Q4								
CITY OF BENSON - WWTF	AZ0026026	Maj	Renewal Application Pending	10/24/2016	4/24/2016		NA	NA
Q1								
Q2	Not yet received							
Q3								
Q4								
VERRADO WATER RECLAMATION FACILITY - EPCOR	AZ0026794	Min	Issued			2/18/2015	61452	JM
Q1								
Q2	Issued on 9/21/2015							
Q3								
Q4								
CHIMNEY ESTATES LLC	AZ0026999	Min	Issued			5/20/2015	61531	JM
Q1								
Q2	Issued on 11/17/2015							
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

3.1 AZPDES RENEWAL PERMITS								
Permitee	AZPDES #	TYPE	Application Status	Permit Exp Date	Date Appl Due	App Received	LTFNum	Proj Mgr
US NPS GCNP - North Rim WWTP	AZ0110426	Min	Backlogged	1/23/2011	7/23/2010	7/16/2010	52982	RC
Q1								
Q2 Variance								
Q3								
Q4								
CITY OF SIERRA VISTA - WWTP	AZBG26000	Min	Renewal In Process	5/8/2016	11/8/2015		NA	SK
Q1								
Q2 Biosolids GP NOI -								
Q3								
Q4								
TUSAYAN SANITARY DISTRICT	AZMW2347	Min	Renewal In Process	6/20/2016	12/20/2015	12/16/2015	63386	JM
Q1								
Q2 Minor WWTP GP NOI - Substantive review								
Q3								
Q4								

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

3.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report certification decisions on State 401 applications. (Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions.			
a Regional CWA 404 general permits	Semi-Annual		Surface Water
Q1 Status July 1 through Dec 31, 2015 = 1			
Q2 Status			
Q3 Status			
Q4 Status			
b Individual CWA 404 permits	Semi-Annual		Surface Water
Q1 Status July 1 through Dec 31, 2015 = 7			
Q2 Status			
Q3 Status			
Q4 Status			
c Nationwide CWA 404 permits	Semi-Annual		Surface Water
Q1 Status July 1 through Dec 31, 2015 = 13			
Q2 Status			
Q3 Status			
Q4 Status			
d Other federal permit or licenses applications	Semi-Annual		Surface Water
Q1 Status July 1 through Dec 31, 2015 = 0			
Q2 Status			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	0.41	24,399	10,736	15,719		50,854
TOTALS	0.41	24,399	10,736	15,719		50,854

End of Year Summary

3.2 Table 1 - 401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
62686	SPL-2014-00625-KAT	10/27/2015	ADOT Statewide RPG 96	Regional CWA 404 general permits
Q1				
Q2				
Q3				
Q4				
62707	SPL-2015-469-RJD, SPL-2015-477-RJD, SPL-2015-478-RJD	7/24/2015	AZ ERFO 42(1)	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
62793	N/A	7/31/2015	Black Bridge Crossing Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 Table 1 - 401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
62829	N/A	8/11/2015	Katherine Landing Access Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
62843	N/A	8/14/2015	Eagle Crest Ranch Project	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				
62848	N/A	8/14/2015	Lee's Ferry ERFO Repairs Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
62855	SPL-2012-101-KAT	8/14/2015	Various Bridges Modification	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				

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TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 Table 1 - 401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
62881	SPL-2015-100-RJD	8/26/2015	Nogalitos Detention Basin and Outfall Improvements Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63070	SPL-2014-00196-KWG	10/2/2015	Sunset Road, Silverbell Road to I-10 Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63128	SPL-2006-00133-DE	10/16/2015	Scorpion Bay Marina & Yacht Club Project	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63142	N/A	10/21/2015	Bush Highway Asphalt-Rubber Overlay Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 Table 1 - 401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
63165	SPL-2014-44-PC	12/15/2015	Rancho Paloma Residential Development	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63171	984-0310-SDM	10/28/2015	SaddleBrooke Ranch Residential Development	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63172	SPL-2015-00641-WHM	11/27/2015	Colorado River RV Resort Boat Ramp Repair Project	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63223	SPL-2013-00159-WHM	11/9/2015	Lake Havasu Boat Ramp and Parking Lot Project	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Continued

3.2 Table 1 - 401 CERTIFICATION ACTIONS				
ADEQ LTF No.	CoE Number	Issued	Project	Type
63236	N/A	11/13/2015	Spruce Avenue Wash: Trax at Route 66 Project	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63315	SPL-2013-00815-KAT	12/15/2015	SR 92 San Pedro River Bridge #449	Nationwide CWA 404 permits
Q1				
Q2				
Q3				
Q4				
63383	SPL-2001-794-RJD	12/16/2015	Town of Marana Silverbell/Ina Road Imp.	Individual CWA 404 permits
Q1				
Q2				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program (CWA 208 Program). Track implementation of new WQM Plans (e.g., Yuma, SEAGO).

3.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3) Q1 Status Q2 Status Q3 Status Q4 Status	6/30/2016	See table 3.1	Surface Water
2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3) Q1 Status Q2 Status Q3 Status Q4 Status	6/30/2016	See table 3.1	Surface Water
3 Revise State Water Quality Management Plan			
a Conduct stakeholder process Q1 Status Q2 Status Q3 Status Q4 Status	9/30/2015	On hold	Surface Water
b Draft Plan Q1 Status Q2 Status Q3 Status Q4 Status	12/30/2015	On hold	Surface Water
c Finalize Plan Q1 Status Q2 Status Q3 Status Q4 Status	6/30/2016	On hold	Surface Water

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.3 Regional Water Quality Management Planning

Continued

3.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	0.35	15,476	6,810	9,971		32,257
604(b)XV	0.65	28,742	11,208	17,874		57,824
Aid to Orgs: Council of Gov't (604(b) XV)					40,000	40,000
TOTALS	1.00	44,218	18,018	27,845	40,000	130,081

End of Year Summary

CAG has completed the public hearing process for the draft 208 WQM plan update. ADEQ and other stakeholder comments are being incorporated into the draft document. The next step in approval is the CAG regional committee process.

The City of Buckeye has submitted a 208 amendment to provide for an additional discharge point to increase effluent reuse and possible recharge. ADEQ staff is currently reviewing the completed regional packet for ADEQ certification. There are no other amendments pending approval for the semi-annual report.

ADEQ staff began 208 process improvement meetings with the Maricopa Association of Governments in March 2015 and the process was completed in fall 2015. MAG has subsequently incorporated a streamlined process for their small wastewater treatment plant approval process.

ADEQ staff has attended the CAG Environmental Planning Committee meetings to advise CAG on the CAG 208 draft WQMP update. ADEQ has provided comments on the draft plan.

3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING

ProjectName	PlanningAgency	ReviewType	PermitType	Date Received	Date Completed
CAG 208 Areawide WQM Plan	CAG	Amendments		11/1/2012	
Q1					
Q2 Still in regional review.					
Q3					
Q4					
City of Douglas WWTP Expansion	SEAGO	Conformance		7/20/2015	7/27/2015
Q1					
Q2					
Q3					
Q4					

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.3 Regional Water Quality Management Planning

Continued

3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING					
ProjectName	PlanningAgency	ReviewType	PermitType	Date Received	Date Completed
Bill Rice Ranch On-site Septic System	NACOG	Conformance		4/8/2015	7/6/2015
Q1					
Q2					
Q3					
Q4					
City of Buckeye - Central WWTP. New AZPDES Outfall	MAG	Amendments		1/8/2016	
Q1					
Q2 In ADEQ certification process					
Q3					
Q4					

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

3.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Finalize triennial review			
a Public notice draft rule	7/31/2015		Surface Water
Q1 Status Notice of Proposed Rulemaking published 9/18/15.			
Q2 Status Public hearing held 10/19/15 to coincide with conclusion of public notice period. EPA R9 expressed concern that ADEQ did not meet requirements (length of notice and providing supporting documentation) of CFR. ADEQ decided to reissue the proposed rule in Q3.			
Q3 Status			
Q4 Status			
b Complete triennial review	12/31/2015		Surface Water
Q1 Status			
Q2 Status Based on current timeline ADEQ will submit Notice of Final Rulemaking to GRRRC in late Q4.			
Q3 Status			
Q4 Status			
2 Prepare draft narrative lakes nutrient criteria and implementations for EPA review	12/31/2015		Surface Water
Initiate stakeholder process for Triennial Review			
Q1 Status ADEQ is still waiting for technical report from contractor.			
Q2 Status Technical report was received from contractor. ADEQ completed an updated draft narrative nutrient matrix for lakes. Internal review will take place in early Q3 followed by discussions with EPA R9 to determine next steps. The NNS for lakes will not be included in the current TR rulemaking.			
Q3 Status			
Q4 Status			

3.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF NPS in PPG [Match]	0.08	5,239	2,305	3,375		10,919
PPG	0.16	7,508	3,304	4,837		15,649
NPS in PPG	0.49	27,395	12,054	17,650		57,099
TOTALS	0.73	40,142	17,663	25,862		83,667

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

3.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct ambient monitoring program per FY16 sampling and analysis plan (SAP) throughout Arizona.			
a Ambient stream sampling	200 stream samples	93	Surface Water
Q1 Status 26			
Q2 Status 67			
Q3 Status			
Q4 Status			
b Groundwater sampling	50 groundwater samples	31	Surface Water
Q1 Status 11			
Q2 Status 20			
Q3 Status			
Q4 Status			
c Lake sampling	120 lake samples	58	Surface Water
Q1 Status 34			
Q2 Status 58			
Q3 Status			
Q4 Status			
d Fish sampling	60 fish samples	23	Surface Water
Q1 Status 0			
Q2 Status 23			
Q3 Status			
Q4 Status			

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TASK 3.5 Ambient Monitoring Program

Continued

3.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
2 Send FY16 SAP to EPA.	8/31/2015	5/19/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Prepare FY17 ambient monitoring plan	6/30/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Complete groundwater basin report for:			
a Salt River	3/31/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

3.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF NPS in PPG [Match]	3.51	169,677	74,658	109,316		353,651
WQARF	0.25	13,144	5,783	8,468		27,395
PPG	1.81	83,523	36,750	53,810		174,083
NPS in PPG	1.73	89,473	39,368	57,644		186,485
Contract: USGS (PPG)					90,000	90,000
Contract: Ambient Sampling (PPG)					178,000	178,000
Contract: Ambient Sampling (NPS in PPG)					70,000	70,000
TOTALS	7.30	355,817	156,559	229,238	338,000	1,079,614

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

3.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct nutrient monitoring for Rivers and Streams per FY16 sampling and analysis plan.	Quarterly		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Develop recreational monitoring program			
a Establish policies and procedures to identify unsanitary beach conditions and work with land owners and health departments to protect human health.	7/31/2015	7/1/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Develop sampling protocols for monitoring streams and lakes for recreation.	8/31/2015	8/30/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Conduct outreach to possibly impacted groups (county health departments, USFS, state parks, cities, etc.)	12/31/2015	11/1/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d Create sample plan	2/29/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.6 106 Monitoring

Continued

3.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
e Complete sampling	6/30/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Intermittent Streams			
a Develop randomized network of flow sensors to develop intermittent stream target population and map.	8/31/2015	3/15/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Begin to deploy random network flow sensors	12/31/2015	8/1/2015	Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Begin to identify intermittent stream indicators.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d Develop protocols and identify applicable labs.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.6 106 Monitoring

Continued

3.6 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4 Develop strategy to expand monitoring program to support strategic planning performance measure to improve water quality in 50% of monitored waters of the state.	12/31/2015		
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 Sample 19 sites selected by EPA for the National Wetland Condition Assessment	9/30/2016		
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

3.6 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF NPS in PPG [Match]	1.09	60,502	26,621	38,979		126,102
PPG	0.46	21,207	9,331	13,663		44,201
NPS in PPG	0.08	3,754	1,652	2,418		7,824
106 Mon - 5	1.34	67,368	29,642	43,402		140,412
TOTALS	2.97	152,831	67,246	98,462		318,539

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TASK 3.7 305(b) Water Quality Assessment Report and 303(d) List

Develop Integrated Report and list of impaired waters.

3.7 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Develop 2016 305(b) Integrated Report and 303(d)-List			
a Draft to public notice	1/31/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b 45-day AAR Notice begins	5/31/2016		Surface Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

3.7 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	0.38	16,646	7,324	10,724		34,694
NPS in PPG	0.87	48,538	21,357	31,271		101,166
TOTALS	1.25	65,184	28,681	41,995		135,860

End of Year Summary

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality.

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 In-progress traditional TMDLs to determine pollutant sources and load/waste load allocations.			
a Complete TMDLs for Queen Creek (6)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
b Complete TMDLs for Pinto Creek (4)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
c Complete TMDLs for Middle Gila (2)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
d Continue data collection and analysis for Mule Gulch TMDLs (4)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
ei Complete TMDLs for Granite Creek (4)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
eii Complete TMDLs for Watson Lake (3)	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
2 Water Quality Improvement Plans including WIP and TMDL elements.			
a Complete inclusion of TMDL elements and refinement of project priorities to update Granite Creek WIP to a WQIP.	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
b Continue data collection and analysis for Santa Cruz WQIPs (4).	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
c Expand San Pedro WIP to Mexican border and develop TMDL elements to create WQIP.	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
3 Focused TMDLs/Alternative plans/Data summaries/other .			
a Complete Lyman Lake Hg data summary.	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
b Complete Rainbow Lake watershed coordination/data collection.	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
c Complete Davidson Canyon baseline monitoring.	Semi-Annual Status Table Updates		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4 NPS Program Planning.			
a Identify high-priority restoration and protection watersheds for NPS resources and share with EPA/on ADEQ website.	9/30/2015		Surface Water
Q1 Status			
Q2 Status	ADEQ's NPS Targeted Watersheds remain the same as in the prior fiscal year. In addition, the Master Target List (shared online as an appendix of the NPS Annual Report) identifies priorities for effectiveness monitoring and additional implementation activities. Draft protection criteria were developed in August 2015 and underwent internal review in Q2. A cross-program workgroup has since been convened to update and finalize criteria recommendations before the end of the current fiscal year.		
Q3 Status			
Q4 Status			
b.i WQIG Cycle development: Conduct workshops and other Cycle 17-related outreach.	10/30/2015		Surface Water
Q1 Status			
Q2 Status	Two workshops, October 7th and 26th were provided for stakeholders interested in applying for WQIG Cycle 17.		
Q3 Status			
Q4 Status			
b.iii WQIG Cycle development: Accept and review Cycle 17 pre-proposals.	12/31/2015		Surface Water
Q1 Status			
Q2 Status	Workshops resulted in applications for four project within the targeted watersheds. Final applications are currently under review.		
Q3 Status			
Q4 Status			
b.iv WQIG Cycle development: Accept and review final Cycle 17 applications; make final awards.	3/31/2016		Surface Water
Q1 Status			
Q2 Status	Projects are currently being evaluated and grant agreements will be developed by 3/1/16		
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
bi WQIG Cycle development: Release Cycle 17 RFGA.	9/30/2015		Surface Water
Q1 Status			
Q2 Status WQIG Cycle 17 was released 10/01/15			
Q3 Status			
Q4 Status			
c Coordinate year one of jointly-funded grant opportunity with AZGFD.	6/30/2016		Surface Water
Q1 Status			
Q2 Status ADEQ has reviewed and accepted funding of six AZGFD coordinated projects for \$130,942.00 in the Little Colorado River targeted watershed.			
Q3 Status			
Q4 Status			
d Completion of FY17 Surface Water Section workplan draft and final submission to EPA.	6/30/2016		Surface Water
Q1 Status			
Q2 Status FY17 workplan will be completed in Q3.			
Q3 Status			
Q4 Status			
5 General oversight of existing partnership agreements with other state and federal agencies.			
a Meet with partners to discuss NPS priorities and activities.	12/31/2015		Surface Water
Q1 Status			
Q2 Status Surface Water Section staff met with representatives from the State Foresters office, USFS, AZG&F, the Borderlands Restoration Group, Sierra Club, the Sky Island Alliance and WIFA during Q1 and Q2 to discuss pointial joint priorities and opportunities to partner on projects.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

3.8 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b Coordinate with NRCS on National Water Quality Initiative (NWQI) planning and outreach activities for FY16.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			Staff changes at NRCS have resulted in a gap in communication between ADEQ and NRCS. Through discussions with EPA and NRCS, ADEQ has identified the need for addressing this issue. This is a priority for Q3.
Q3 Status			
Q4 Status			
c Participate in FY16 coordinated resource planning efforts of federal and state agencies.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			Responded to two requests for comment on USFS activities in the LCR watershed (Apache Sitgreaves NF). Met with USFS and AZ Game and Fish in Q2 to discuss nonpoint source priorities and partnership opportunities for FY16/17.
Q3 Status			
Q4 Status			

3.8 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF NPS in PPG [Match]	0.58	29,605	13,026	19,073		61,704
PPG	0.25	16,386	7,210	10,557		34,153
NPS in PPG	2.70	153,529	67,553	98,912		319,994
Contract: TMDL Sampling (PPG)					88,000	88,000
TOTALS	3.53	199,520	87,789	128,542	88,000	503,851

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Goal #2: Protecting America's Waters

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes.

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Oversee ongoing implementation projects and technical support contracts to ensure timely completion.	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
2 Effectiveness monitoring and BMP evaluations.			
a Little Colorado River Headwaters.	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
b San Pedro River	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
c Granite Creek	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d Other MTL waters.	Semi Annual Status Table Update		Surface Water
Q1 Status			
Q2 Status See Table 3.8 & 3.9 for comments.			
Q3 Status			
Q4 Status			
3 Implement general nonpoint source education, outreach, and technical support activities as requested.			
a Statewide education and outreach.	6/30/2016		Surface Water
Q1 Status			
Q2 Status Provided multiple webinars to inform stakeholders of ADEQ's Water Quality Improvement Grant Program. Webinars were attended by individuals throughout the state. Presentations were provided at multiple Natural Resource Conservation District Meetings as well.			
Q3 Status			
Q4 Status			
b GIS and mapping assistance for internal and external customers.	6/30/2016		Surface Water
Q1 Status			
Q2 Status Maps were provided to support review of Cycle 17 WQIG applications. Data layers for WQIG projects were provided to AZGFD to help them evaluate applications under the ADEQ/AZGFD funding agreement. Other maps and GIS support provided to internal and external staff on an as needed basis.			
Q3 Status			
Q4 Status			
4 Report internally, to EPA, and to the public on NPS Program progress and success.			
a.i NPS Annual Report Draft	7/31/2015		Surface Water
Q1 Status NPS FY15 results were reported to EPA in presentation format in September 2015.			
Q2 Status Final report submitted to EPA 1/6/16.			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
a.ii NPS Annual Report Final	9/30/2015		Surface Water
Q1 Status Final report submitted to EPA 1/6/16.			
Q2 Status A presentation on the FY15 NPS Annual Report was given to EPA Region 9 in September 2015. The final report was submitted in January 2016.			
Q3 Status			
Q4 Status			
b Workplan reporting	Bi-annually		Surface Water
Q1 Status			
Q2 Status This report constitutes the first have of this workplan deliverable.			
Q3 Status			
Q4 Status			
c NWQI reporting	6/30/2016		Surface Water
Q1 Status			
Q2 Status Not applicable.			
Q3 Status			
Q4 Status			
d Continue development of the Water Quality Index (WQI) tool and report on progress toward Water Quality Division performance measure.	Monthly		Surface Water
Q1 Status 18 out of 25 (72%) waters showed improvement. These included delists approved in the 2010 305(b) Assessment			
Q2 Status 6 out of 9 (67%) monitored waters showed improvement. Year to date: 24/30 waters have shown improvement (80%). Strategic planning period to date (FY14 to present): 25 out of 41 (61%) waters have improved.			
Q3 Status			
Q4 Status			
e Develop list of potential waters for WQ-10 and/or SP-12 reporting to EPA.	12/31/2015		Surface Water
Q1 Status			
Q2 Status Potential SP-12 waters: Tonto Creek, Boulder Creek, Mule Gulch			
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
f Draft and submit two WQ-10 and/or SP-12 reports to EPA.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			Delist reports have been written up for 4 Mule Gulch and 2 Tonto Creek deslistings. Staff will work to modify these reports to meet SP-12 requirements by the end of the current fiscal year.
Q3 Status			
Q4 Status			
g Work with EPA to calculate and submit federal FY15 end-of-year results and submit draft final commitments for federal FY16 for WQ-27.	10/31/2015		Surface Water
Q1 Status			
Q2 Status			Completed October 2015.
Q3 Status			
Q4 Status			
h Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.	2/15/2016		Surface Water
Q1 Status			
Q2 Status			Staff worked with U of A throughout Q2 to determine load reductions for applicable projects and are on track for the GRTS data entry deadline.
Q3 Status			
Q4 Status			
i Enter mandated elements into GRTS for all new projects; update for existing projects as needed.	6/30/2016		Surface Water
Q1 Status			
Q2 Status			Not applicable
Q3 Status			
Q4 Status			
j Conduct monthly update calls with EPA Region 9.	Monthly		Surface Water
Q1 Status			
Q2 Status			Watershed Protection Unit staff participated in monthly call with EPA Region 9 staff throughout Q1 and Q2.
Q3 Status			
Q4 Status			

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.9 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQARF NPS in PPG [Match]	1.25	70,807	31,155	45,618		147,580
NPS in PPG	4.67	233,680	102,819	150,549		487,048
Aid to Orgs: NPS Projects (NPS Proj 26)					1,243,000	1,243,000
TOTALS	5.92	304,487	133,974	196,167	1,243,000	1,877,628

End of Year Summary

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	WQIG#15-001: Sands Ranch Brush Eradication	NPS Implementation	WQIG	E. coli
Milestone: 1) Site visits conducted quarterly				
Q1				
Q2 Spike 20 was applied to 2073 acres in February 2015 and has been monitored for effectiveness during this quarter through vegetative transects. Three (5000 gallon livestock drinkers and 2.5 miles of pipeline were installed. A final report for this project was submitted. A final budget is needed. A closure site visit is scheduled for February 11, 2016.				
Q3				
Q4				
3.9	Prescott Rodeo Grounds Project	NPS Implementation	WQIG	E. coli
Milestone:				
Q1				
Q2 Prescott Rodeo Grounds project - 90 % completed sediment control basin design drawings. A RFP was released to landscape architects with one company selected to provide vegetative bio-basin design and an interpretive sign design concept. One water quality sample was collected on Nov. 11, 2015 and analyzed for turbidity and E. coli.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Cycle 16 Oak Creek Ambassadors Project	NPS Implementation	WQIG	E. coli
Milestone:				
Q1				
Q2 October - December 2015 -two Ambassadors continue to picking up trash and interact face-to-face with visitors about responsible recreation throughout the Oak Creek watershed.The Ambassadors continue to collect water quality samples at key locations along Oak Creek and deliver to a laboratory in Sedona for analysis.				
Q3				
Q4				
3.9	Cycle 16 Sands Ranch Grant	NPS Implementation	WQIG	E. coli
Milestone:				
Q1				
Q2 The property owner continues is wait for State Land approval to make improvements on the land. Approval for land treatment and application to place improvements is also required before on-the-ground work can begin.				
Q3				
Q4				
3.9	Cycle 16 Curtis Ranch Grant	NPS Implementation	WQIG	E. coli
Milestone:				
Q1				
Q2 Application of Spike 20 treatment to 1000 acres on Sept. 2 and 3, 2015. To monitor the effectiveness of the herbicide, vegetation transects where established on September 11 and 28, 2015. ADEQ staff also reviewed the site and established photo points and future transect locations.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	ADEQ/AGFD Implementation Partnership	NPS Implementation	WQIG	Various
Milestone:				
Q1				
Q2 AGFD received approval from ADEQ to proceed with gaining permitting clearances in the Little Colorado River watershed after verifying there were no overlaps with current and Cycle 17 ADEQ projects.				
Q3				
Q4				
3.8	Mule Gulch	Traditional TMDL; Effectiveness Monitoring	Plan Development; WQD PM	Dissolved Cu
Milestone: 1) Complete sampling (10/1/15)				
2) Determine if delist or TMDL report is required (11/9/15)				
Q1 Off target- Project manager was reassigned to Gold King Mine spill; unable to spend time on Mule Gulch. No sampling took place.				
Q2 Off target- Installed monitoring equipment and weather station. No samples were collected.				
Q3				
Q4				
3.8	Granite Creek WQIP	WQIP (combined)	Plan Completion	E. coli
Milestone: 1) Draft update WIP with TMDL elements included (7/31/15)				
2) Post final updated plan to website pending EPA approval of TMDL (9/30/15)				
Q1				
Q2 Off target - Computing modelling of best management practices has been completed, draft WIP update in development. Draft will be provided to Watershed Improvement Council by 3/1/16 for review and comments.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Santa Cruz WQIP	WQIP (combined)	Plan Development	E. coli
Milestone: 1) Data collection (6/30/16) 2) Begin drafting WQIP (1/1/16)				
Q1				
Q2 Surface Water Section and U of A staff worked with monitoring volunteers to collect and QA/QC E. coli data through the summer monsoon. The decision was made to continue sampling through winter storms, performing dilutions on all samples in an effort to compare relative bacteria loads from the various subwatersheds. Background information for the WQIP, now termed a "Clean Water Plan," was developed by Tetra Tech under an EPA contract. ADEQ staff have begun outlining additional sections of the report, but have put efforts on hold until after a call scheduled for late January to discuss Tetra Tech's role moving forward.				
SRO: On November 17, shared status of Nogales Wash sanitary sewer overflows with WQD during Santa Cruz River Watershed Implementation Plan teleconference. On December 15, shared alternative best management practices, and contact information for stakeholders that can respond to future request for proposals in both the Upper San Pedro and Santa Cruz River Watersheds.				
Q3				
Q4				
3.8	San Pedro WQIP	WQIP (combined)	Plan Completion	E. coli
Milestone: 1) Meet with stakeholders (7/15/15) 2) Finalize SAP (7/30/15) 3) Train volunteers and initiate data collection (8/30/15)				
Q1				
Q2 SRO: On October 22, 23 and December 8,9, assisted WQD staff with field work on the Upper San Pedro River basin. On November 10 and November 19, shared preliminary results of AGWA model developed to understand sediment sources impacting the Upper San Pedro River. Results were shared with WQD leadership and grants coordinator respectively.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Lyman Lake	Alternative Approach; Effectiveness Monitoring	Data Summary	Hg
Milestone: 1) Complete data summary (11/20/15)				
Q1				
Q2 Off target; resources were shifted toward focusing additional effort toward the narrative nutrient summary work, coordinating with stakeholders in the Granite Creek watershed on the Granite Creek WIP update, and data entry/QC efforts for the 2016 assessment.				
Q3				
Q4				
3.8	Rainbow Lake	Alternative Approach	Plan Development	Nutrients
Milestone: 1) Complete sampling by 9/30/15)				
2) Coordinate planning activities with watershed stakeholders (10/31/15)				
Q1 On target- Monsoon sampling was completed in September. Volunteers collected two sets of watershed samples (8/12 and 9/1/15). ADEQ sampled lake in July and August.				
Q2 On target- ADEQ will develop lake and stream data summary report by Spring 2016 and share with group prior to first watershed meeting. ADEQ committed to reviewing current watershed plans to determine what elements are missing from them and how to develop one complete plan. Watershed sampling will resume in Q4 along with an additional lake sampling event				
Q3				
Q4				
3.8	Davidson Canyon	Alternative Approach	Data Summary	metals
Milestone: 1) Complete baseline sampling (6/30/15)				
Q1				
Q2 Draft Intergovernmental Agreement (IGA) between ADEQ and Pima County was drafted to allow ADEQ to install automated equipment in the Cienga Creek Preserve. The equipment will collect stormwater samples in the OAW reach of Davidson Canyon. Additional sampling points in the upper watershed are located on State Land and a permit allowing sampling activities has been secured. Installation of equipment will occur once the IGA is signed.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Watson Lake TMDL	Traditional TMDL	Plan Completion	Nutrients, high pH, low DO
Milestone: 1) Submit to EPA for approval (8/30/15)				
Q1				
Q2 Watson Lake TMDL appealed by City of Prescott June 2015. ADEQ and City met and drafted settlement language agreeing to finalize the TMDL and revisit the model with additional data in 3 - 5 years time. Language went before City council late Q1 for approval; council deferred approval to allow for additional time for stakeholders to review and comment. Settlement language was finalized in Q2; final TMDL submitted to EPA.				
Q3				
Q4				
3.9	WQIG #14-002: San Francisco River Restroom	NPS Implementation	WQIG	E. coli
Milestone: 1) Site visits conducted quarterly 2) Completion date: 12/31/15				
Q1				
Q2 Samples collected on 9/10/2015 during site visit (4 sites). The San Francisco Restroom was successfully installed at the "End of the Road" in Clifton, Az at the end of December 2015. Vegetation was planted around the perimeter of the restroom as well as permanent trash cans for recreational users. A final site visit is scheduled for February 9, 2016.				
Q3				
Q4				
3.8	Granite Creek TMDL	Traditional TMDL	Plan Completion	E. coli
Milestone: 1) AAR Notice begins (7/15/15) 2) Submit to EPA (9/18/15)				
Q1				
Q2 Final TMDL submitted to EPA.				
Q3				
Q4				

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Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	WQIG #15-002: Three Brothers Ranch	NPS Implementation	WQIG	E. coli
Milestone: 1) Site visits conducted quarterly				
Q1				
Q2 Three Brothers received State Land approval to install a fence line. A arch monitor will be present due to the presence of native american artifacts per AZ State Museum and SHPO guidelines. Spike 20 spray was completed last quarter on September 2, 2015 to 627 acres in Sierra Vista.				
Q3				
Q4				
3.9	WQIG #15-003: Stamp Springs Protection and Restoration	NPS Implementation	WQIG	Sediment
Milestone: 1) Site visits conducted quarterly				
Q1				
Q2 This project was cancelled April 30, 2015 because the private property owner revoked permission to install a fence around Stamp Springs to provide protection from cattle and wildlife.				
Q3				
Q4				
3.9	WQIG #15-004: Settlers Rest Stormwater Project	NPS Implementation	WQIG	E. coli
Milestone: 1) Site visits conducted quarterly				
Q1				
Q2 BMP installation continues on the approved private and horse property site in Sedona. Zuni bowls, water cisterns, and other step down water slowing BMPs are coming to shape. A pet waste station and interpretive signs were being designed and implemented. Water quality sampling continues. The final report is due the end of February 2016.				
Q3				
Q4				

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	WQIG #15-005: Upper LCR Water Quality Improvement Project	NPS Implementation	WQIG	Sediment
Milestone: 1) Site visits conducted quarterly				
Q1				
Q2 Commuication between NRCS engineers and the hired contractor(Natural Channel Design) to develop and approve three project engineering designs (Maddock, Rogers, Moore). No on-the-ground work began during this quarter.				
Q3				
Q4				
3.9	LCR Effectiveness Monitoring and BMP Evaluations	Effectiveness Monitoring; BMP Evaluation	WQIG; NWQI; WQD PM	Sediment
Milestone:				
Q1				
Q2 Two effectiveness monitoring sampling trips completed 9/16-17/2015 and 10/26-27/2015 (6 sites each). SSC, TSS samples and field parameters collected. Data in WQDB. Some exceedances of SSC A&Wc standard on both trips.				
Q3				
Q4				
3.9	San Pedro Effectiveness Monitoring and BMP Evaluations	Effectiveness Monitoring; BMP Evaluation	WQIG; NWQI; WQD PM	E. coli
Milestone:				
Q1				
Q2 A total of 10 BMP implementations have been targeted for effectiveness monitoring and evaluation in the San Pedro watershed for FY16. As of the close of Q2, 4 have been evaluated (2 WQIG and 2 NWQI). Beyond strict evalautions, effort has been focused on establishing communication, trust, and rapport with all landowners/grantees in this watershed. This resulted in an increase in grant applications from this watershed for WQIG Cycle 18, which included new applicants to the program that were identified through NWQI.				
Q3				
Q4				

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	Granite Creek Effectiveness Monitoring and BMP Evaluations	Effectiveness Monitoring; BMP Evaluation	WQIG; WQD PM	E. coli
Milestone: 1) Finalize SAP				
Q1				
Q2 SAP finalized on 11/13/2015. Volunteer monitoring training on 12/1/2015. Effectiveness monitoring samples collected by volunteers on 12/16/2015.				
Q3				
Q4				
3.9	Other MTL waters (TBD)	Effectiveness Monitoring	WQD PM	
Milestone: TBD				
Q1				
Q2 Boulder Creek- collected additional round of samples in November. Data summary will be drafted in Q3 Pinto Creek - Data summary shared with stakeholders during Q1. SP-12 report completed during Q2. Collecting additional samples to capture winter storms and snowmelt data.				
Q3				
Q4				
3.8	Pinto Creek TMDL	Traditional TMDL	Plan Completion	Dissolved Cu
Milestone: 1)AAR Notice begins (8/7/15) 2)Submit to EPA (10/12/15)				
Q1				
Q2 Off schedule due to the need to re-issue the Triennial Review package for public notice. Pending no substantive comments on the revised Cu standard, final Pinto TMDL will be released for public comment in FY17 Q1 once GRCC hearing has been completed.				
Q3				
Q4				

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.8	Middle Gila TMDLs	Traditional TMDL	Plan Completion	Total B, Total Se
Milestone: 1) AAR Notice begins (8/7/15) 2) Submit to EPA (10/12/15)				
Q1				
Q2 Final TMDLs submitted to EPA.				
Q3				
Q4				
3.8	Queen Creek TMDL	Traditional TMDL	Plan Completion	Dissolved Cu, total Pb
Milestone: 1) Public comment period begins (8/3/15) 2) AAR Notice begins (11/6/15) 3) Submit to EPA (1/18/16)				
Q1 Data review.				
Q2 Continued data review and TMDL calculation.				
Q3				
Q4				
3.9	Hillside Mine Lower Tailings Pile Reclamation Project (tentative)	NPS Implementation;	WQIG	As, Cu, Zn
Milestone: TBD				
Q1				
Q2 Ongoing coordination with State Land, State Risk, and AECOM (contractor). AECOM is moving forward with cultural and resource surveys and with securing 404 permitting. Construction is estimated to begin summer of 2016 based on update timelines submitted to ADEQ by AECOM in Q2.				
Q3				
Q4				

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Goal #2: Protecting America's Waters

Program #: SWR

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

3.8 and 3.9				
Task #	ProjectName	ProjectType	Purpose	Pollutant
3.9	U of A Technical Support ISA	WQIP (combined); Effectiveness Monitoring	WQIG; Plan Development;	
Milestone: Conduct volunteer monitoring training in Santa Cruz and San Pedro watersheds.				
Q1				
Q2 Volunteer monitoring training completed, volunteers have been able to collect limited samples due to a lack of weather events to cause water flow in the monitored tributaries. U of A has continued to be active with volunteer monitoring team to ensure they have the necessary equipment when rain events occur.				
Q3				
Q4				

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report number of Drinking water sanitary surveys conducted, prioritized by date of last survey.			
a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	6	2	Compliance SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	13	5	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	41	13	Compliance SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
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b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	130	27	Compliance PHX
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Q1 Status

Q2 Status ADEQ has lost two of their most-senior drinking water inspectors. ADEQ has hired an additional inspector who is coming up to speed and is in the process of hiring two additional inspectors. ADEQ is shifting priorities and work loads to meet their inspection goals.

Q3 Status

Q4 Status

c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	44	21	Compliance SRO
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Q1 Status

Q2 Status

Q3 Status

Q4 Status

c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	149	59	Compliance PHX
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Q1 Status

Q2 Status ADEQ has lost two of their most-senior drinking water inspectors. ADEQ has hired an additional inspector who is coming up to speed and is in the process of hiring two additional inspectors. ADEQ is shifting priorities and work loads to meet their inspection goals.

Q3 Status

Q4 Status

d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	0	0	Compliance SRO
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Q1 Status

Q2 Status There no planned inspections of Outstanding Peformers due for FY16.

Q3 Status

Q4 Status

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	0	0	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
e Populate SDWIS sanitary survey fields	6/30/2016		Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Report the total number of complaints investigated related to drinking water.	Quarterly	98	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Report the total number of complaints/non-routine drinking water inspections.	Quarterly	2	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 Report the total number of informal Drinking Water Enforcement Actions.			
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued	Semi-Annual	53	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. Number of NOC/NOV Closures	Semi-Annual	52	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 Report the total number of formal Drinking Water Enforcement Actions.			
a. Number of Administrative Orders issued.	Semi-Annual	6	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b. Number of Administrative Orders terminated	Semi-Annual	3	Compliance
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
6 Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.			
a. Based on the ERP report generated, address all public water systems with a score of 11 or higher.	Report Quarterly		Compliance
Q1 Status	Received the first quarter ETT list on 10/22/15/. ADEQ provided the response on December 2, 2015.		
Q2 Status	ADEQ received the second quarter ETT list on January 25, 2015. The response is due to EPA by February 12, 2016. The list had 49 facilities over a score of 11. However, 14 of those facilities are able to be removed to the list by either soxing the violations or linking the violations to an enforcement action.		
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.1 Drinking Water Compliance and Enforcement

Continued

4.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher.	Quarterly		Compliance
Q1 Status	ETT discussion was held during the data verification audit.		
Q2 Status	The second quarterly meeting will be schedule by the EPA after receiving the annotated ETT list.		
Q3 Status			
Q4 Status			
7 Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions	Monthly		Compliance
Q1 Status			
Q2 Status	ADEQ continues to attend monthly meeting to update the Drinking Water Section on drinking water sanitary surveys and enforcement actions.		
Q3 Status			
Q4 Status			

4.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-APP PPG [Match]	0.48	24,193	10,645	15,587		50,425
WQFF-APP	1.38	78,816	34,679	50,778		164,273
Wellhead	0.57	25,829	11,365	16,640		53,834
SDW (VEI)	3.41	177,958	78,302	114,651		370,911
PPG	3.20	134,428	59,148	86,606		280,182
DWSRF Federal	1.49	72,981	32,112	47,018		152,111
TOTALS	10.53	514,205	226,251	331,280		1,071,736

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

4.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Report number of inspections of facilities possessing the following permit types according to risk-based inspection criteria.			
a. Individual APP; General APP/GQPP/NOD	32 (including Reuse Inspections)	18	Compliance SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a. Individual APP; General APP/GQPP/NOD	89 (including Reuse Inspections)	27	Compliance PHX
Q1 Status			
Q2 Status	The Phoenix office has lost their senior wastewater inspectors. They are working to cross-train staff and shift workloads to meet their inspections goals.		
Q3 Status			
Q4 Status			
b. Reuse	See above.	3	Compliance SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b. Reuse	See above	8	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.2 Groundwater Compliance and Enforcement

Continued

4.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
2 Report total number of Informal Groundwater Enforcement Actions			
a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual	11	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b. Number of NOC/NOV Closures issued	Semi-Annual	2	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Report total number of Formal Groundwater Enforcement Actions.			
a. Number of Administrative Orders issued.	Semi-Annual	2	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b. Number of Administrative Orders terminated	Semi-Annual	1	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1 Protect Human Health

TASK 4.2 Groundwater Compliance and Enforcement

Continued

4.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-APP PPG [Match]	0.41	19,123	8,414	12,320		39,857
WQFF-APP DWSRF Federal [Match]	1.22	48,303	21,253	31,120		100,676
WQFF-APP	5.03	266,077	117,074	171,421		554,572
Wellhead	2.11	116,351	51,194	74,960		242,505
PPG	2.80	119,182	52,440	76,784		248,406
DWSRF Federal	1.24	58,228	25,620	37,514		121,362
TOTALS	12.81	627,264	275,995	404,119		1,307,378

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004).

Pretreatment audits and inspections shall be performed in accordance with "Pretreatment Compliance Inspection and Audit Manual for Approval Authorities" (EPA 833/B-86-100, July 1986)

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State's SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

Enter discharge monitoring report data into ICIS for major and minor facilities in accordance with EPA WENDB requirements within 20 days of receipt.

Enter permit and facility inspection and enforcement action information into ICIS in accordance with EPA WENDB requirements within 30 days of receipt: a. Permit and facility data (majors and minors); b. Inspection data (majors/minors); c. Enforcement Action (majors/minors)

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 AZPDES inspections:			
a. Perform scheduled compliance inspections of all major facilities that are operational every other year.	5	5	Compliance SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
a. Perform scheduled compliance inspections of all major facilities that are operational every other year.	30	4	Compliance PHX
Q1 Status			
Q2 Status	The Phoenix office has lost several of their senior wastewater inspectors. ADEQ is training new staff and is working to shift work loads to meet inspection numbers.		
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
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b. Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	16	10	Compliance PHX
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Q1 Status

Q2 Status

Q3 Status

Q4 Status

b. Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	2	5	Compliance SRO
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Q1 Status

Q2 Status The SRO has completed their inspections of minor AZPDES facilities for FY16.

Q3 Status

Q4 Status

c. ADEQ will continue negotiations toward a risk-based approach for inspection to EPA.	6/30/2016		Compliance PHX
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Q1 Status Awaiting completion of ICIS Project

Q2 Status ADEQ is using a risk-based approach to target inspections of minor facility. ADEQ would like to reduce the frequency of inspections of major facilities, but has been unable to do so due to problems with their ICIS upload. ADEQ completed the ICIS-upload and is working to resolve any remaining data errors. Once these data errors are resolved, ADEQ will resume negotiations for an alternate compliance monitoring schedule.

Q3 Status

Q4 Status

2 Conduct inspections of stormwater facilities subject to general permitting requirements

a. Industrial	13	5	Compliance SRO
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Q1 Status

Q2 Status

Q3 Status

Q4 Status

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
a. Industrial	37	26	Compliance PHX

Q1 Status

Q2 Status

Q3 Status

Q4 Status

b.i. Phase 1 (facilities larger than 5 acres)

8

8

Compliance
SRO

Q1 Status

Q2 Status SRO has completed their inspections of large CGP facilities.

Q3 Status

Q4 Status

b.i. Phase 1 (facilities larger than 5 acres)

22

11

Compliance
PHX

Q1 Status

Q2 Status

Q3 Status

Q4 Status

b.ii. Phase 2 (facilities between 1-5 acres)

6/30/2016

1

Compliance
SRO

*Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.

Q1 Status

Q2 Status

Q3 Status

Q4 Status

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Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b.ii. Phase 2 (facilities between 1-5 acres) *Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.	6/30/2016	4	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Perform compliance inspections of CAFO/AFO facilities (permitted and unpermitted).			
a. Inspect all AZPDES permitted CAFOs on a five-year cycle.	6/30/2016	0	Compliance PHX
Q1 Status			
Q2 Status ADEQ does not have any planned inspections of AZPDES-permitted CAFOs this FY.			
Q3 Status			
Q4 Status			
b. Inspect unpermitted CAFOs, as needed	6/30/2016	1	Compliance PHX
Q1 Status			
Q2 Status ADEQ completed a complaint inspection of a unpermitted CAFO. The CAFO does not discharge under the AZPDES program, but is regulated under the state groundwater program.			
Q3 Status			
Q4 Status			
4 Biosolids Inspections			
a. Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).	5	0	Compliance PHX
Q1 Status			
Q2 Status ADEQ is behind schedule with biosolids inspections. ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. Large commercial applications annually.	4	0	Compliance PHX
Q1 Status			
Q2 Status ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.			
Q3 Status			
Q4 Status			
c. Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.	2	0	Compliance PHX
Q1 Status			
Q2 Status ADEQ's biosolids coordinator has left the agency. Currently, other inspectors are being cross-trained to complete these inspections.			
Q3 Status			
Q4 Status			
5 Review annual reports submitted under biosolids rule.	28	0	Compliance PHX
Q1 Status			
Q2 Status Biosolids annual reports were not due until February.			
Q3 Status			
Q4 Status			
6 Manage the pretreatment program.			
a. Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.	19	0	Compliance PHX
Q1 Status			
Q2 Status Pretreatment reports are not due until February.			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b. Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements.	4	4	Compliance PHX
Q1 Status			
Q2 Status	Completed PCAs of Avondale, Casa Grande, Mesa and Phoenix. All PCAs are complete for FY16.		
Q3 Status			
Q4 Status			
c. Conduct pretreatment compliance inspections (PCIs) for approved pretreatment programs. A PCI shall not be conducted in the same year as a pretreatment audit.	8	3	Compliance PHX
Q1 Status			
Q2 Status	Completed PCIs of Queen Creek, Scottsdale, and Yuma. The remaining PCIs will be Glendale, Goodyear, Kingman, Nogales, and Prescott.		
Q3 Status			
Q4 Status			
d. Perform an inspection at each POTW with an SIU-oversight only pretreatment program. The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.	Once in 5 years		Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
7 Report the total number of sanitary sewers inspected.	6	0	Compliance PHX
Q1 Status			
Q2 Status	The inspector that had been assigned to develop and implement the sanitary sewer inspection program has left the agency. ADEQ is looking for other alternate resources to meet this work plan goal.		
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
8 Report total number of complaints relating to Clean Water Act.			
a. Compliants received.	6/30/2016	6	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b. Number of complaint/non-routine surface water inspections.	6/30/2016	6	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
9 Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:			
a. MSGP Issued; Closed	Quarterly	4	Compliance PHX
Q1 Status Provided list of actions to Susanne Perkins on 10/15/2015.			
Q2 Status Closed 2 of the informal notices.			
Q3 Status			
Q4 Status			
b CGP Issued; Closed	Quarterly	6	Compliance PHX
Q1 Status			
Q2 Status Closed 6 of the informal notices.			
Q3 Status			
Q4 Status			
c Biosolids Issued;Closed	Quarterly	1	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
d CAFO Issued; Closed	Quarterly	0	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
10 Report a list of formal enforcement actions for any data not reported to ICIS.			
a. Administrative orders issued	Quarterly	0	Compliance PHX
Q1 Status Provided list of actions to Susanne Perkins on 10/15/15.			
Q2 Status			
Q3 Status			
Q4 Status			
b. Administrative orders terminated.	Quarterly	0	Compliance PHX
Q1 Status Provided list of actions to Susanne Perkins on 10/15/15.			
Q2 Status			
Q3 Status			
Q4 Status			
11 Complete a review and provide a response to automated QNCR (major/minor) data to identity and data inaccuracies			
a.	9/15/2015	9/15/2015	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b.	12/15/2015	12/15/2015	Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c.	3/16/2016		Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
d.	6/16/2016		Compliance PHX
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
12 Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list.	Monthly	6	Compliance PHX
Q1 Status			
Q2 Status ADEQ continues to meet on a monthly basis with the EPA.			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, SRW

Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

TASK 4.3 Surface Water Compliance and Enforcement

Continued

4.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
13 Update the Compliance Monitoring Strategy Worksheet for FY17.	8/1/2016		Compliance PHX

Q1 Status Pending guidance from EPA Region IX regarding form. Will be discussed in November 2015 call.

Q2 Status ADEQ has been unable to complete the compliance strategy worksheet. ADEQ is still awaiting guidance from the EPA regarding changes to the form.

Q3 Status

Q4 Status

4.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-AZPDES PPG [Match]	0.83	38,496	16,938	24,801		80,235
WQFF-AZPDES NPS in PPG [Match]	0.43	22,679	9,979	14,611		47,269
WQFF-AZPDES	6.99	379,446	166,956	244,460		790,862
PPG	3.46	161,988	71,275	104,362		337,625
TOTALS	11.71	602,609	265,148	388,234		1,255,991

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

5.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Participate in EPA/ADEQ grant meetings:			
a End of year review for FY15	9/30/2015	12/17/2015	All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Mid-year review for FY16	2/29/2016		All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c EPA negotiation meetings for FY17	3/31/2016		All Sections
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Manage division rules agenda			
a 5-year reviews	6/30/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Executive Order 2015-01 reducing regulatory burden	8/1/2015	8/31/2015	Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.1 Division & Section Management & Support

Continued

5.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
c Rule packages with governor's exemption	6/30/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
3 Manage receipt of fees and permit invoicing for the Division	6/30/2016		Deputy Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
4 If resources are available, ADEQ will attend the:			
a Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.	10/30/2015	10/22/2015	Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions.	4/30/2016		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
5 If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting.	6/30/2016		Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.1 Division & Section Management & Support

Continued

5.1 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
6 If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA. Q1 Status Q2 Status No requests received Q3 Status Q4 Status	6/30/2016		Drinking Water
7 In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation, and disposal, and/or energy efficiency and conservation. Q1 Status Q2 Status No activity to date Q3 Status Q4 Status	6/30/2016		All Sections

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.1 Division & Section Management & Support

Continued

5.1 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-AZPDES PPG [Match]	0.21	23,767	10,457	15,312		49,536
WQFF-AZPDES	3.22	172,577	75,934	111,184		359,695
WQFF-APP PPG [Match]	0.20	22,637	9,960	14,584		47,181
WQFF-APP	11.34	600,903	264,397	387,135		1,252,435
SDW (VEI) DWSRF Federal [Match]	1.00	68,760	30,254	44,299		143,313
SDW (VEI)	2.03	157,352	69,235	101,375		327,962
PPG	6.14	377,210	165,972	243,020		786,202
Contract: Program Support (WQFF-AZPDES)					20,000	20,000
Contract: Permit Appeals (WQFF-APP)					44,600	44,600
Contract: Education & Training (PPG)					30,000	30,000
Contract: Attorney General (SDW-VEI)					50,000	50,000
Contract: Attorney General (PPG)					50,000	50,000
Contract: AD & SRO (WQFF-APP/AZPDES/DW)					24,534	24,534
TOTALS	24.14	1,423,206	626,209	916,909	219,134	3,185,458

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

5.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Develop annual FY17 Integrated Water Quality Division Workplan and submit to EPA.			
a Draft	2/29/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Final	5/31/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Coordinate development of performance reports			
a Final FY15 Output Report to EPA	8/31/2015	8/17/2015	Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b FY16 Mid-Year Output Report to EPA	2/15/2016		Director
Q1 Status			
Q2 Status In progress			
Q3 Status In progress			
Q4 Status			
3 WQ Planning documents			
a Distribute workplan books for FY16 start-up	7/31/2015		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.2 Water Quality Planning

Continued

5.2 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
b Finalize spreadsheets for FY17 startup	5/31/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Hold conference calls with EPA regarding budget updates (FY15 FSR Review & FY16 Update)	6/30/2016		Director
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
di Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG)	Quarterly: 10/31/2015 1/31/2016 4/30/2016	Quarterly	Director
Q1 Status			
Q2 Status 10/31/2015 & 01/31/2016			
Q3 Status 1/16/2016			
Q4 Status			
dii Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside	Quarterly: 10/31/2015 1/31/2016 4/30/2016	Quarterly	Director
Q1 Status			
Q2 Status 10/31/2015 & 01/31/2016			
Q3 Status 1/16/2016			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.2 Water Quality Planning

Continued

5.2 DELIVERABLES

OUTPUT DESCRIPTION

diii Submit Budget Status Reports (BSR) summaries for:
Wellhead (10%) Set-Aside

Target

Quarterly:
10/31/2015
1/31/2016
4/30/2016

Actual

Quarterly

Responsible Section

Director

Q1 Status

Q2 Status 10/31/2015 & 01/31/2016

Q3 Status 1/16/2016

Q4 Status

5.2 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
PPG	1.68	76,754	33,772	49,449		159,975
TOTALS	1.68	76,754	33,772	49,449		159,975

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.

5.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Conduct gap analysis to inform design and programming of the required systems to implement EPA's E-reporting rule, including E-DMR.	6/30/2016		ITS Director Compliance
Q1 Status			
Q2 Status Gap analysis should begin in third quarter of 2016			
Q3 Status			
Q4 Status			
2 Complete gap analysis to allow participating laboratories to transmit test data to SDWIS (lab to state).	7/31/2015		ITS Director Drinking Water
Q1 Status			
Q2 Status ADEQ is awaiting completion of the CMDP in order to leverage those resources instead of utilizing Lab to State.			
Q3 Status			
Q4 Status			
3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.	6/30/2016		ITS Director
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
4 Continue to assist in the analysis and design of myDEQ.	6/30/2016		ITS Director Permits Surface Water Compliance Drinking Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.3 Water Quality Data Management

Continued

5.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
5 Water Quality Database			
a Install new software and complete data migration to manage water quality data.	6/30/2016		ITS Director Surface Water
Q1 Status			
Q2 Status Request for proposal expected to go to vendors during the third quarter of 2016			
Q3 Status			
Q4 Status			
b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution.	6/30/2016		ITS Director Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
6 Stormwater general permits			
a Diagnose and fix bugs related to permits in storm water database, including annual fees program.	6/30/2016		ITS Director Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			
b Diagnose and fix bugs related to storm water database e-permitting system, Smart-NOI.	6/30/2016		ITS Director Surface Water
Q1 Status			
Q2 Status Ongoing			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.3 Water Quality Data Management

Continued

5.3 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
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7 Reporting

a	Develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data.	6/30/2016	ITS Director Surface Water Compliance
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Q1 Status

Q2 Status Not currently targeted for this fiscal year

Q3 Status

Q4 Status

5.3 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-AZPDES PPG [Match]	0.25	13,039	5,737	8,400		27,176
WQFF-AZPDES	0.84	56,112	24,689	36,150		116,951
WQFF-APP	0.42	28,635	12,600	18,449		59,684
PPG	1.38	72,465	31,885	46,686		151,036
TOTALS	2.89	170,251	74,911	109,685		354,847

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

5.4 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Provide engineering consultation to WIFA project managers during loan application process:			
a Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.	2-5 projects every other month	5	Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
b Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.	3 projects every other month	1	Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
c Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans.	2-4 wastewater projects		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
2 Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance.	6 visits per year		Water Permits Drinking Water
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.4 WIFA Support

Continued

5.4 DELIVERABLES

OUTPUT DESCRIPTION

Target

Actual

Responsible Section

3 Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.

6/30/2016

Water Permits
Drinking Water

Q1 Status

Q2 Status

Q3 Status

Q4 Status

5.4 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
SDW (VEI)	0.25	19,709	8,672	12,697		41,078
TOTALS	0.25	19,709	8,672	12,697		41,078

End of Year Summary

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

5.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region. Specific activities include:			
a Provide technical support to stakeholders	6/30/2016		SRO
Q1 Status			
Q2 Status As needed			
Q3 Status			
Q4 Status			
b Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities	6/30/2016		SRO
Q1 Status			
Q2 Status As needed			
Q3 Status			
Q4 Status			
c Assist with coordination of training to enhance local pretreatment efforts	6/30/2016		SRO
Q1 Status			
Q2 Status As needed			
Q3 Status			
Q4 Status			
d Assist with source characterization of regulated contaminants	6/30/2016		SRO
Q1 Status			
Q2 Status On November 24, forwarded recommendations to the U.S. International Boundary and Water Commission (IBWC) associated with review of a scope of work for source characterization of wastewater contamination in Ambos Nogales wastewater.			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
2 Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales	6/30/2016		SRO
Q1 Status			
Q2 Status	On October 5, participated in a teleconference with border-state representatives to discuss the next Good Neighbor Environmental Board (GNEB) advice letter for the President and Congress; recommendations were prepared in response to an action item from the conference. On October 8, submitted approved draft recommendations for the letter on behalf of Arizona to the board. On October 20, supported the Binational Technical Committee meeting hosted by the U.S. International Boundary and Water Commission (IBWC) in Nogales, Sonora, and developed a meeting summary for the same. On October 25, submitted a case study for the Sky Island Resource Cooperative Annual Report summarizing ADEQ's cases study for the GNEB's 16th annual report. The case study was accepted and published. On November 13, forwarded recommendations to the Border Environment Cooperation Commission associated with review of a Douglas Flood Mitigation Alternatives scope of work for the communities of Douglas-Agua Prieta.		
Q3 Status			
Q4 Status			
3 Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.	6/30/2016		SRO
Q1 Status			
Q2 Status	As needed		
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

Program #: GWR, DWR,
SWR

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
4 Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.	6/30/2016		SRO
Q1 Status			
Q2 Status			
During this quarter, staff compiled and provided GIS files for the Santa Cruz River watershed to an EPA contractor working on a source characterization for wasted materials accumulated along Nogales Wash and Santa Cruz River. Booz Allen Hamilton used these files to develop maps of potential waste accumulation points prior to actual onsite field visits. (continued) On December 16, participated in a teleconference with TetraTech, the Border Environment Cooperation Commission, and several Arizona municipalities to review the latest revisions to the final report for the EPA Border 2020 pretreatment toolkit project; staff provided feedback during and after the teleconference. On December 18, finalized a second case study on stormwater challenges in Ambos Nogales to include recommendations for Border Environment Infrastructure Fund eligibility criteria and grant management. (Draft in Review).			
Q3 Status			
Q4 Status			
5 Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.	6/30/2016		SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			
6 Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.	6/30/2016		SRO
Q1 Status			
Q2 Status			
Q3 Status			
Q4 Status			

SFY 2016 WORKPLAN - Quarter Status Report

Goal #2: Protecting America's Waters

Program #: GWR, DWR,
SWR

Objective 2.1, 2.2 Protect Human Health & Protect and Restore Watersheds

TASK 5.5 Border Strategy

Continued

5.5 DELIVERABLES

OUTPUT DESCRIPTION	Target	Actual	Responsible Section
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7 Provide bilingual compliance assistance to customers in the border region.	6/30/2016		SRO
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Q1 Status

Q2 Status

Q3 Status

Q4 Status

5.5 FTE Funding Source	FTE	Personnel	ERE	Indirect	Others	Total
WQFF-AZPDES	0.44	29,210	12,853	18,819		60,882
WQFF-APP	0.53	34,315	15,099	22,108		71,522
Wellhead	0.33	21,920	9,645	14,122		45,687
TOTALS	1.30	85,445	37,597	55,049		178,091

End of Year Summary